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EC Number: contains

:= amino acid sequences := comprehensive online version := show the catalyzed reaction
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EC Number Recommended Name Synonyms

3.4.24.69 Bontoxilysin Botulinum neurotoxin

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Mark a special word or phrase in this record:

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All organism
 Clostridium barati
 Clostridium botulinum
 Clostridium butyricum
 Clostridium sp.

Select one or more organism in this record:

 [Submit](#)**EC NUMBER COMMENTARY****3.4.24.69****RECOMMENDED NAME GeneOntology No.****Bontoxilysin** [GO:0000000](#)**SYSTEMATIC NAME**

No entries in this field

SYNONYMS	ORGANISM	COMMENTARY	LITERATURE
BoNT	-	-	-
BoNT/B	-	SwissProt	-
BoNT/C1	-	SwissProt	-
BoNT/D	-	SwissProt	-
BoNT/E	-	SwissProt	-
BoNT/F	-	SwissProt	-
BoNT/G	-	SwissProt	-
Bontoxilysin C1	-	SwissProt	-
Botulinum neurotoxin	-	-	-
More	-	cf. EC 3.4.24.68	-

CAS REGISTRY NUMBER COMMENTARY**107231-12-9****REACTION** **COMMENTARY**

Protein + H ₂ O = hydrolyzed protein	Clostridium botulinum: mechanism <4>; Clostridium botulinum, Clostridium barati, Clostridium butyricum: structure/function relationship <5>
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REACTION TYPE **ORGANISM** **COMMENTARY** **LITERATURE****hydrolysis of peptide bond** - -

ORGANISM	COMMENTARY	LITERATURE
Clostridium barati	-	<u>5</u>
<u>Clostridium botulinum</u>	strains 62A (serotype A) or Beluga (serotype E) <10>; type G strain <15>; 7 serologically different neurotoxin types: BoNT/A-G <2, 3, 5, 6>; serotypes BoNT/A, BoNT/B <1, 4, 8, 15>; BoNT/C, BoNT/D <15>; BoNT/E <1, 4, 8>	<u>1-10, 12, 15</u>

h b e e e h f e h ec

g

from Brenda